

12. The peptide of claim 1, wherein the peptide consists of one of the following amino acid sequences:

VPGGSSCGTQARQGDPSTGPI (SEQ ID NO:1);
RDKIPEEDRRKMQDKC (SEQ ID NO:4);
AHVFHVKGSLQEESLRDKIPEEDRRKMQ (SEQ ID NO:6); or
MQAPRELAVGID (SEQ ID NO:8);
AHVFHVKGSLQEES (SEQ ID NO:7);
CGTQARQGDPSTGPI (SEQ ID NO:2);
CGTQARQGDPST (SEQ ID NO:3);
RDKIPEEDRRKMQ (SEQ ID NO:5); and
GSLQEESLRDKIPEE (SEQ ID NO:10).

22. An antibody that specifically binds an Hsp70B' peptide consisting of five or more consecutive amino acid residues within one of the following amino acid sequences:

VPGGSSCGTQARQGDPSTGPI (SEQ ID NO:1);
RDKIPEEDRRKMQDKC (SEQ ID NO:4);
AHVFHVKGSLQEESLRDKIPEEDRRKMQ (SEQ ID NO:6); or
MQAPRELAVGID (SEQ ID NO:9).

24. An antibody that specifically binds a peptide that consists of one of the following amino acid sequences:

VPGGSSCGTQARQGDPSTGPI (SEQ ID NO:1);
RDKIPEEDRRKMQDKC (SEQ ID NO:4);
AHVFHVKGSLQEESLRDKIPEEDRRKMQ (SEQ ID NO:6); or
MQAPRELAVGID (SEQ ID NO:9);
AHVFHVKGSLQEES (SEQ ID NO:7);
CGTQARQGDPSTGPI (SEQ ID NO:2);
CGTQARQGDPST (SEQ ID NO:3);
RDKIPEEDRRKMQ (SEQ ID NO:5); and
GSLQEESLRDKIPEE (SEQ ID NO:10).

26. A kit for analyzing the expression of Hsp70B', the kit comprising an antibody that specifically binds an Hsp70B' peptide consisting of five or more consecutive amino acid residues within one of the following amino acid sequences:

A12
VPGGSSCGTQARQGDPSTGPI (SEQ ID NO:1);
RDKIPEEDRRKMQDKC (SEQ ID NO:4);
AHVFHVKGSLQEESLRDKIPEEDRRKMQ (SEQ ID NO:6); or
MQAPRELAVGID (SEQ ID NO:9).

28. A method of obtaining an antibody that specifically binds Hsp70B', the method comprising administering to an animal a peptide consisting of five or more consecutive amino acid residues within one of the following amino acid sequences:

A13
VPGGSSCGTQARQGDPSTGPI (SEQ ID NO:1);
RDKIPEEDRRKMQDKC (SEQ ID NO:4);
AHVFHVKGSLQEESLRDKIPEEDRRKMQ (SEQ ID NO:6); or
MQAPRELAVGID (SEQ ID NO:8).

29. The method of claim 28, wherein the peptide consists of one of the following amino acid sequences:

VPGGSSCGTQARQGDPSTGPI (SEQ ID NO:1);
RDKIPEEDRRKMQDKC (SEQ ID NO:4);
AHVFHVKGSLQEESLRDKIPEEDRRKMQ (SEQ ID NO:6); or
MQAPRELAVGID (SEQ ID NO:8);
AHVFHVKGSLQEES (SEQ ID NO:7);
CGTQARQGDPSTGPI (SEQ ID NO:2);
CGTQARQGDPST (SEQ ID NO:3);
RDKIPEEDRRKMQ (SEQ ID NO:5); and
GSLQEESLRDKIPEE (SEQ ID NO:10). --